ODP 81-847 2 July 1981

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	MEMORANDUM FOR:	Chairman, Buildin	g Planning Co	ommittee	•
5X1	FROM:	ODP Representativ] e		
	SUBJECT:	Building Requirem	ents		
	REFERENCE:	Memo fm Chief, Bu dtd 6 May 1981, S	ilding Planna ubject: Pro	ing Staff, OL, ject Organization	
	the requirements	ponse to your requ for a new buildin ation is provided.	g at the Head	ify the scope of lquarters site, the	
	2. The an paragraph 4 of t	swers are in respo	nse to your o	questions in	
	components prese	on 4a.: Prelimina ntly in leased spa e Langley compound	ce or in the	ave assumed that al E Street complex	1
	(1) Are th should not move	ere components in to Langley? Ident	these spaces ify the orgar	that could not or	
5X1	that should move	ere elements not c to Langley, e.g., ify the organizati	elements at	is planning assumpt	ion 25X1
	Answer				5
	Currently, in non-Headquart	four operational e ers facilities in	lements of OL the Washingto	OP have people loca on area:	ted
	B, C, D and the Division should somewhat unique stantial contract Automated Support	return to Headquar situation because o tor support. In the t System (CAMS) sup	(Front Office the the possible of the possible of its heavy needone to heavy the last the poort in 'A'	ce, Divisions A, ble exception of 'A vision presents a dependence on sub- frame the COMIREX Division will cons	
5X9	of approximately	full and part	ime staff pe	rsonnel and over	25X9
					25 X1
SENSITIV	ARNING NOTICE E INTELLIGENCE SOURCES METHODS INVOL APPROVED F	For Release 2003/05/28	HA-BDP89-00244F	R000100110010-0	

software development contractors. It is vital that both staff and contractors be co-located. The preference is to locate all at Headquarters. However, if facilities for all the contractors can not be made available in Headquarters, then the entire team (staff and contractors) would be located at a contractor site.

- 2. The Special Projects Staff (SPS) in Ames. SPS has already requested space in Headquarters so they may be close to the SAFE Center when that system becomes operational in 1983.
- 3. Production Division provides a data entry service in Key to support OF functions. Assuming that OF personnel in Key would come to Headquarters, the data entry function would follow.
- 4. Operations Division currently provides machine operator support to and Ames and will soon extend this support to 25X1 Under the assumption that these buildings will be vacated, there would be no need to continue remote support.

b. Question 4b.: Provide estimates of Headquarters ceiling for 1987 and circa 2000. To the extent possible, indicate organizational areas of expected growth/reduction.

Answer

In addition to anticipated full time ceiling strength in 1987 and 2000, we have included estimates for part time, co-op and onsite contractor support as well since these are such significant figures.

25X9

Full time staff
Part time staff
Onsite contractors
Co-ops (average)

Estimates are based on existing budget projections and historical growth rates.

c. Question 4c.: Provide a description of Headquarters machine support expected by 1987 and circa 2000. Estimates of number of terminals, processors, special purpose centers, storage capacities, etc., will be helpful in designing environmental support systems.

Answer

1. Terminals. Included in this category of machine support are alpha-numeric and graphic CRTs, small printers and plotters.

 $\frac{1981}{300} \qquad \frac{1987}{600} \qquad \frac{2000}{900}$

25X1 25X1 Terminals that are located within ODP central computing centers and those devices being used by off-site contractors are not included.

2. (Central	Computing	Centers
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a.	Existing	Headquarters	Centers
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This includes the current facilities of GC03 and 1D16 , GC47 (Special Center) and GExx (SAFE Center). Attachment A details these requirements.

b. Probable New Headquarters Facilities

A consolidation at Headquarters would probably result in the location of the following facilities in an ODP central facility.

o The 4C system planned for

o The ORD Computer Center at Ames

Space requirements for these two additional systems are:

25X1

25X1

c. There are a number of additional out-building facilities that could be consolidated into ODP Headquarters space if subsequent investigation indicates that operational efficiencies would result.

Some candidates:

The FAR system in OL
The OT&E Computer Center
facilities at Key
OTS facilities

d. In addition, ODP is planning to provide hardware to support the new CDS system for OC. Anticipated space requirements for this service are:

<u>Initial 1987 2000</u>

3. Distributed Data Access/Output Facilities

Currently, ODP provides a single such facility in 4F50. In the 1987 time frame we should provide a similar service

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25X1

25X1

25X1

4C

ORD

25X1

on each floor of each Headquarters building. NFAS has a requirement to provide SAFE regional output facilities on each floor of Headquarters building. It is assumed that each distributed facility would satisfy both SAFE and ODP activities.

4. Data Entry Facilities

In addition to the two existing Headquarters sites in GE72 and 6E2910 the 510 Key facility would have to be accommodated in Headquarters.

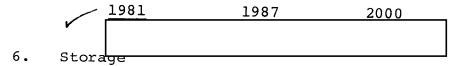
DACE

25X1

- 5. Equipment Maintenance/Repair Facilities
 - a. Teleprocessing Support

Space to house maintenance/repair vendors, spares and equipment is a function of the total number of CRTs supported. Experience indicates that 150 square feet per 100 CRTs is required.

b. Space requirements to house computer hardware vendors, spares and test equipment is as follows:

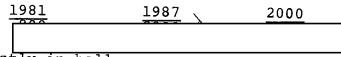


25X1

a. Environment Controlled (paper, tapes, etc.)

1981	1987 🦞	2000

b. Normal



25X1

*Scattered, mostly in hallways

3. Supplemental Information

Engineering Division of ODP is preparing a paper that will offer suggestions and recommenations relative to computer facilities. These observations will be based on substantial experience in configuring and servicing ODP computer centers over the years. It will cover floors to ceilings and virtually everything in between. This paper should be ready by 10 July.

25X1.

Att: a/s